

generating a plurality of lines along a surface of the three-dimensional form model, the plurality of generated lines corresponding exactly to contours of the three-dimensional form model; and

modifying the plurality of generated lines by adding in the plurality of lines at least one line, moving at least one of the lines, or deleting at least one of the lines so that the plurality of lines still correspond exactly to contours of the three-dimensional form model.

38. (Amended) A computer-implemented method of processing an electronic data representing a three-dimensional model, the method comprising the steps of:

receiving a first electronic data of a three-dimensional model of an object which has been acquired on the object;

generating a second electronic data corresponding exactly to first portions on a surface of the three-dimensional model, wherein a capacity of the second electronic data is smaller than that of the first electronic data; and

generating a third electronic data corresponding exactly to a second portion different from the first portions, wherein a capacity of the third electronic data is smaller than that of the first electronic data.

45. (Amended) A computer-implemented method of generating three-dimensional form data to be used in a computer apparatus, the method comprising the steps of:

obtaining an electronic data of a three-dimensional form model;

generating a plurality of lines along a surface of the three-dimensional form model, the plurality of generated lines corresponding exactly to contours of the three-dimensional form model; and

modifying the plurality of generated lines by adding in the plurality of lines at least one line, or moving at least one of the lines so that the plurality of lines still correspond exactly to contours of the three-dimensional form model.